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(54) Title: METHOD FOR THE PRODUCTION OF A DIGITAL COLOUR CATALOGUE

(57) Abstract: A method for the production of a digital colour catalogue, which comprises a) drawing up a requirement profile for the desired dyeing, b) selecting a group of dyes that meet the requirement profile that has been drawn up, c) determining within the colour space the colour position of the said dyes for the desired dyeing, d) segmenting the colour space of the dyes within a depth of shade plane into triangular areas according to shade, wherein the corner points of the triangular areas correspond to the colour position of the dyes in question, and the said dyes define a range of shades delimited by the triangular areas, e) dividing the triangular areas within a depth of shade plane arithmetically into a grid in such a manner that the points of intersection of the grid are distributed evenly over the triangular areas, where the points of intersection of the grid correspond to a colour position and a reflectance curve calculated on the basis of a dye recipe is associated with each of those colour positions, and f) if desired visualising the reflectance curves associated with the colour positions by means of a suitable medium, is suitable for providing a comprehensive catalogue of different shades together with the associated dye recipes.

